

Mio C710

User's Manual



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Note

Information in this manual is subject to change without notice.



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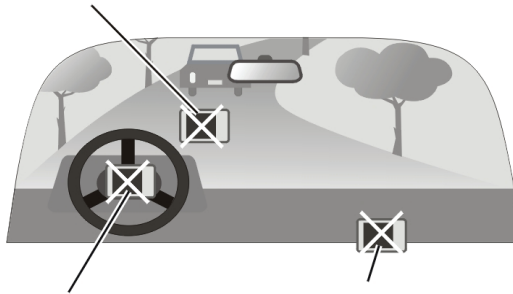
Warnings and Notices

- For your safety, do not operate the controls of the product while driving.
- Use this product with caution. The product is a navigation aid. It does not provide exact measurements of direction, distance, location or topography.
- The calculated route is for reference only. Always follow the posted traffic signs, speed limits and road restrictions.
- When you leave your car, do not leave your device on the dashboard in direct sunlight. This can cause the battery to overheat and malfunction.
- The Global Positioning System (GPS) is operated by the United States government, which is solely responsible for its performance. Any change to the GPS system can affect the accuracy of all GPS equipment world-wide.
- GPS satellite signals cannot typically pass through solid materials (except glass). GPS location information is not typically available inside buildings, tunnels, or underground parking lots.
- A minimum of 4 GPS satellite signals is needed to calculate your GPS position. Signal reception can be affected by weather events or overhead obstacles (e.g. dense foliage and tall buildings).
- Other wireless devices in the vehicle may interfere with the reception of satellite signals and cause the reception to be unstable.

- A device holder is needed when using the device in a car. Be sure to place the device in an appropriate place, so as not to obstruct the driver's view, or deployment of airbags.

Do not mount where the driver's field of vision is blocked.

Do not place on the dashboard unsecured.



Do not mount in front of airbag panels.

Do not mount in front of an airbag field of deployment.

1

Getting Started

1.1 Understanding Hardware Features

NOTE: Depending upon the specific model purchased, the color of your device may not exactly match the device shown in this manual.

Front and Side Features



Ref	Component	Description
①	Charge Indicator	Glows in bright amber to indicate that the battery is charging, and turns green when the battery is fully charged.
②	Bluetooth Indicator	Flashes in blue to indicate that Bluetooth is on.
③	Touch Screen	Displays the output of your device. Tap the screen with your fingertip to select menu commands or enter information.

4	Power Button	Turns on and off the device.
5	Menu Button	Displays the Home screen.
6	Volume Control	When in the map screen: Zooms in or out the map. When not in the map screen: Adjusts the volume level of your device.

Back Features



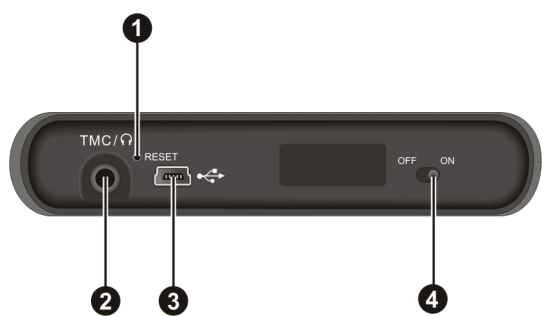
Ref	Component	Description
1	External Antenna Connector	This connector (under rubber dust cover) allows use of an optional external GPS antenna with magnetic mount, which may be positioned on top of the car for better GPS signal reception in areas with poor reception.
2	Speaker	Sends out music, sounds and voice.
3	Hand String Hole	Hand string attaches to this hole.

Top Features



Ref	Component	Description
1	GPS antenna	Receives signals from the GPS satellites overhead. Make sure that it has a clear view of the sky.
2	SD/MMC Slot	Accepts a SD (Secure Digital) or MMC (MultiMediaCard) card for accessing data such as MP3 music.

Bottom Features

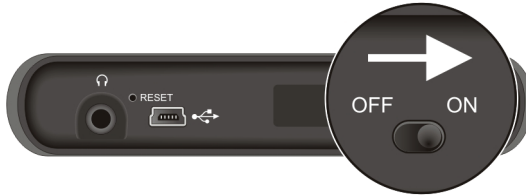


Ref	Component	Description
1	Reset Button	Restarts your device (soft reset).
2	TMC/Headphone Connector	Connects to stereo headphones or the TMC (Traffic Message Channel) antenna for receiving TMC information.
3	Mini-USB Connector	Connects to the AC adapter or USB cable.
4	ON/OFF Switch	The main power/battery cutoff switch.

1.2 Performing the Initial Start Up

1. Using a pointed pen, slide the ON/OFF switch to the ON position.

| CAUTION: Always leave the ON/OFF switch in the ON position for normal operation.



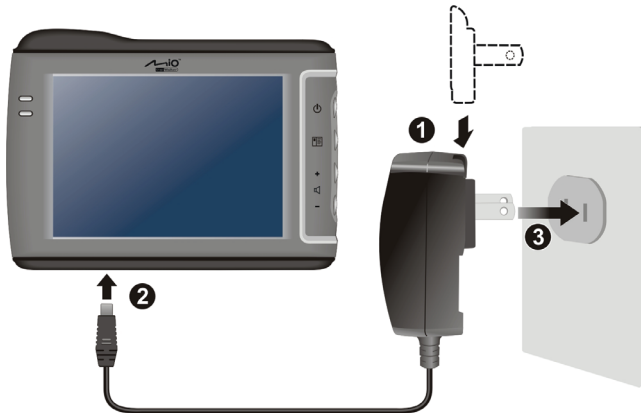
2. Fully charge the battery before using your device for the first time.
3. Your device will turn on and display the **Home** screen.



1.3 Connecting to AC Power and Charging the Battery

When charging the battery for the very first time, you should charge it for at least 8 hours.

1. Slide and click the AC converter onto the AC adapter.
2. Connect the adapter cable to the bottom of your device.
3. Plug the AC adapter into a wall outlet.



The charge indicator glows amber when charging is in progress. Do not disconnect your device from AC power until the battery is fully charged, when the charge indicator turns green. Charging may take a few hours.

NOTE:

- Do not immediately turn on your device after connecting the AC adapter to charge a power-depleted battery. Wait for at least one minute.
- Depending on your region of purchase, the AC converter may not look exactly the same as the picture shown.
- Your device can also be charged when it is connected to a desktop computer via the USB cable.

CAUTION: For optimal performance of the lithium battery:

- Do not charge the battery where the temperature is high (e.g. in direct sunlight).
- There is no need to fully discharge the battery before charging. You can charge the battery before it is discharged.
- When storing the product for a long period of time, be sure to fully charge the battery at least once every two weeks. Over discharge of the battery can affect the charging performance.

1.4 Using Your Device in a Vehicle

A device holder, car charger, and TMC antenna are supplied with your device.

Using the Device Holder

CAUTION:

- Select an appropriate location for the device holder. Never place the holder where the driver's field of vision is blocked.
- If the car's windshield is tinted with a reflective coating, an external antenna (optional) may be needed to route the antenna to the top of the car through a window. When closing the car window, be careful not to pinch the antenna cable. (Cars with an anti-jam window design may automatically leave adequate space as needed.)

The device holder consists of a bracket and a stand. Use the device holder to mount your device in a vehicle. Make sure that the GPS antenna has a clear view of the sky. (See the document supplied with the device holder for the installation instruction.)

To initialize the GPS, remain stationary at a spot with a clear view of the sky. This may take a few minutes. Once initialized, the GPS will take a few seconds to find its current location.



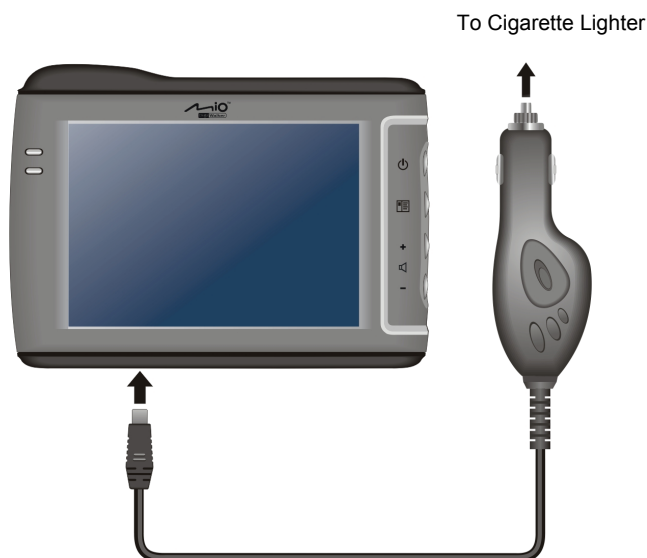
NOTE: Depending upon the specific model purchased, the device holder supplied with your device may not look exactly the same as the picture shown.

Connecting the Car Charger

The car charger supplies power to your device when you are using the device in a car.

CAUTION: To protect your device against sudden surges in current, connect the car charger only after the car engine has been started.

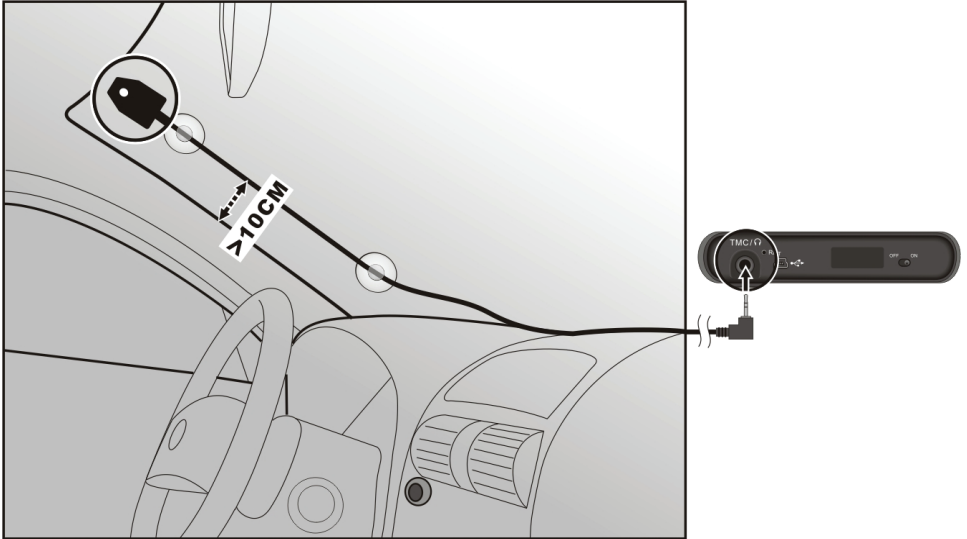
1. Connect one end of the car charger to the power connector of your device.
2. Connect the other end to the 12-volt cigarette lighter or power port to power and charge your device. The indicator light on the car charger lights in green to indicate that power is being supplied to your device.



Connecting the TMC Antenna

TMC antenna allows you to receive radio transmissions that are used to inform drivers of traffic, weather, and other driving conditions.

Connect one end of the TMC antenna to the TMC connector on your device and secure the other end in the topmost corner of the windshield.




The Traffic data feed is a paid subscription service. Your new device comes with a free 90-day trial of the Total Traffic Network service. The trial begins the first time you acquire a location fix. At or near the end of the 90-day trial period you will be prompted to a website to extend your subscription for a fee.

TMC information is monitored by the navigation software. Once the information is received, you can view it on your device and traffic icons will appear in the map view. Certain roads with reported traffic will be highlighted and you can choose to avoid those roads and an alternate route will be automatically calculated. (See the navigation software manual for detailed information.)

NOTE: The TMC information is not available everywhere. It is supported in most major metropolitan areas. Check our website for exact locations.

1.5 Operating Basics

Turning On and Off

Use the power button () to turn on and off your device.

When you press the power button to turn off the unit, your device enters a suspend state and the system stops operating. When you turn on the system, it resumes.



Operating the Device


To operate your device, touch the screen with your fingertip. You can perform the following actions:

- **Tap**
Touch the screen once with your fingertip to open items or select onscreen buttons or options.
- **Drag**
Hold your fingertip on the screen and drag up/down/left/right or across the screen.
- **Tap and hold**
Tap and hold your fingertip until an action is complete, or a result or menu is shown.



Home Screen

The first time you initialize your device, the **Home** screen appears. The **Home** screen is your starting place for various tasks. Tap a button to start a task or open another menu.

You can access the **Home** screen at any time by pressing the **Menu** () button on the side of your device.



Ref	Button Name	Description	For Detailed Information
❶	Contact	Keeps a list of names, addresses, and phone numbers.	Chapter 2
❷	Calculator	Provides basic arithmetic, currency conversion, and measure conversion functions.	Chapter 3
❸	Mio Map	Starts the navigation software.	See the manual supplied with the software.
❹	Movie	Plays video clips (.avi and .mp4 formats).	Chapter 4
❺	MP3	Plays MP3 music.	Chapter 5
❻	Photo	Displays pictures (.jpg, .gif, and .bmp formats).	Chapter 6
❼	Setting	Customizes the system settings.	Chapter 7

Inserting a SD/MMC Card

Your device has a SD/MMC slot where you can insert an optional Secure Digital or MultiMediaCard storage card.

You can use a SD/MMC card to hold photos, videos, and MP3 files. To use a card, insert it into the slot, with the connector pointing to the slot and its label facing the front of the device.

To remove a card, first make sure that no application is accessing the card, then slightly push the top edge of the card to release it and pull it out of the slot.



NOTE:

- Make sure that no foreign objects enter the slot.
- Keep a SD or MMC card in a well-protected box to avoid dust and humidity when you are not using it.

2

Contact


2.1 Starting and Exiting Contact

Contact allows you to keep a list of names, addresses, and phone numbers.

NOTE: If you have created **Microsoft Outlook Contact** information on your computer, you can copy the information to your device. (See section 10.3 for information.)

Tap the **Contact** button on the **Home** screen to start the program. The contact list appears.



To exit the program, tap .

2.2 Using the Contact list

After starting **Contact**, the contact list appears. It shows the names and phone numbers (mobile phone numbers by default) of your contacts.

You can use the various buttons on the screen to search, call, or delete a contact.

Tap one of the alphabet sets to quickly find a contact.

Tap twice to display the summary screen of a contact.

Call the selected contact.

Add a contact.

Delete the selected contact.

Exit the program.

Tap to scroll through the list.

#abc	def	ghi	jkl	
mno	pqr	stu	vwx	yz
	Bob Brown			
	123456789			
	David Lake			
	5559976			
	Mary Lee			
	987654321			
	Mom			
	7623459223			

2.3 Using the Summary Screen

In the contact list, tapping a contact twice displays the summary screen of the contact.


Back

Tap to scroll through the entry fields.




Name	Bob Brown		
Address			
Home	First Street, San Francisco, California, 11155, USA		
Work	Second Street, San Francisco, California, 11156, USA		
Phone			
Home	5552244		
Work	5558976		

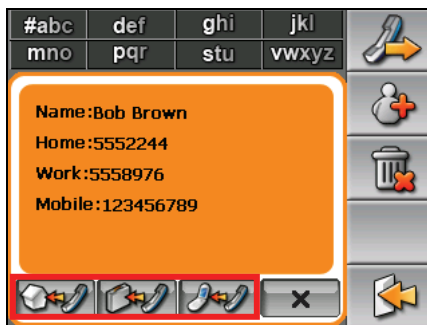
2.4 Making a Phone Call to a Contact

| **NOTE:** A Bluetooth mobile phone is required.

1. Tap the **Contact** button on the **Home** screen to start the program.
2. In the contact list, select the desired contact and tap .




3. Tap  to call the home number,  the work number, or  the mobile phone number.



4. The **Dialer** program starts. (See Chapter 8 for more information.)

2.5 Managing Contact

Adding a Contact

1. Tap the **Contact** button on the **Home** screen to start the program.
2. Tap .

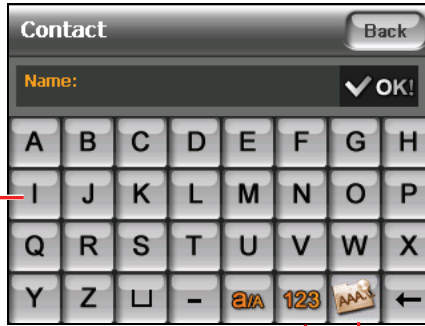


3. Tap an entry field twice. The soft keyboard appears.



4. Use the soft keyboard to enter the information in the field and tap **OK**.

Tap the soft keyboard to enter text and numbers.

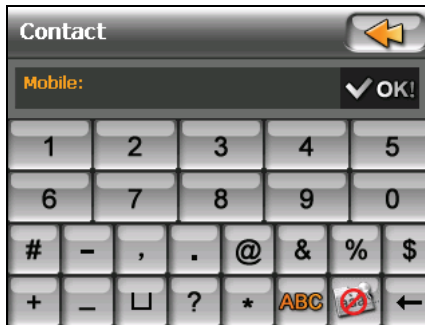



Switch between upper and lower cases.

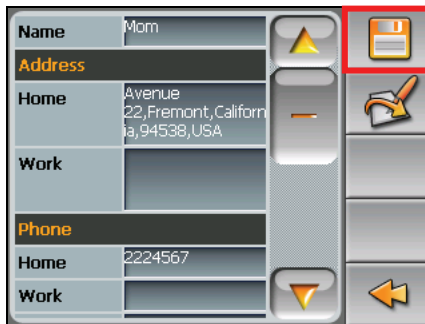
Enable/disable accent marks (umlauts).

Switch to numeric keys.

5. Enter the information in other fields such as address and phone number fields. You will need to scroll down to see all available fields.




6. Tap  save the contact's information and return to the contact list.




Editing a Contact

To modify a contact's information:

1. In the contact list, tap the contact twice to open the summary screen.
2. Tap twice the field you want to edit and use the soft keyboard to edit.
3. Tap  to save the changes.

Deleting a Contact

In the contact list, select the contact you want to delete and tap .

3

Calculator

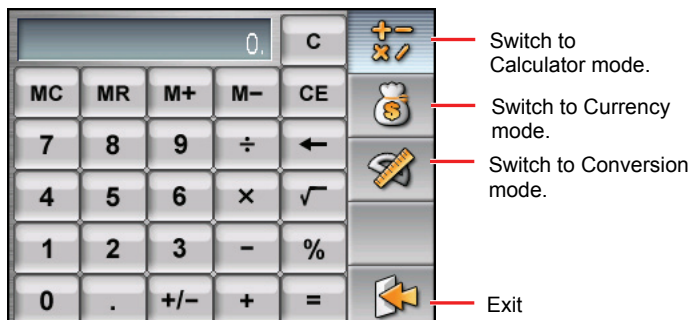
3.1 Starting and Exiting Calculator

Calculator provides three modes: **Calculator**, **Currency**, and **Conversion**. You can use these modes to perform basic arithmetic, currency conversion, and measure conversion functions.

Tap the **Calculator** button on the **Home** screen to start the program.



You will see the calculator screen. To switch to another mode, tap one of the buttons at the top right corner of the screen.





To exit the program, tap  .

3.2 Using the Calculator Mode

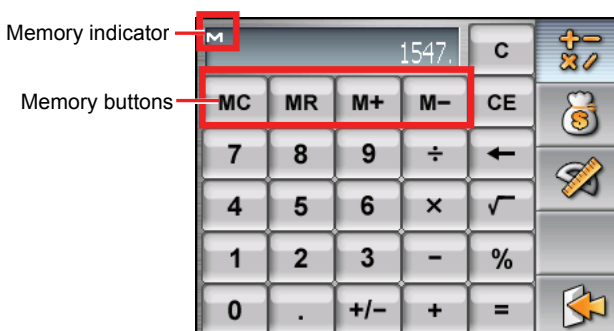
Calculator mode allows you to perform any of the standard operations for which you would normally use a handheld calculator.







If you are currently not in the **Calculator** mode, tap the  button.

Tap the numeric keypad to enter numbers and mathematical symbols. Then tap the  button to generate the result.


Calculator Memory



Button	Items	Descriptions
	Memory Cancel	Clears the value in memory.
	Memory Recall	Shows the value in memory.
	Memory Plus	Adds the current value to the value in memory.
	Memory Minus	Subtracts the current value from the value in memory.

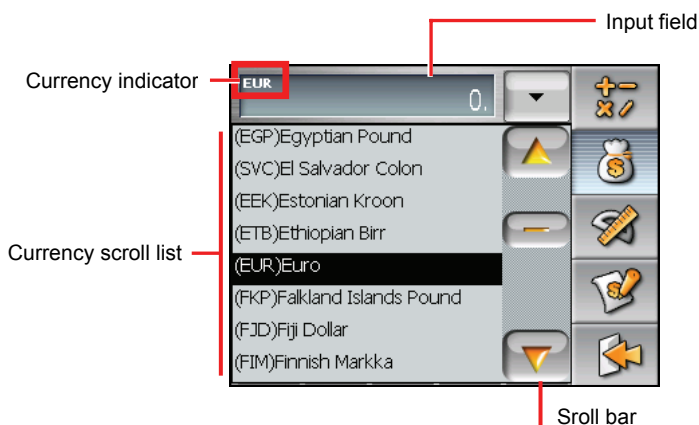
3.3 Using the Currency Mode

Use the **Currency** mode to perform the currency conversion. You can also edit the exchange rate.

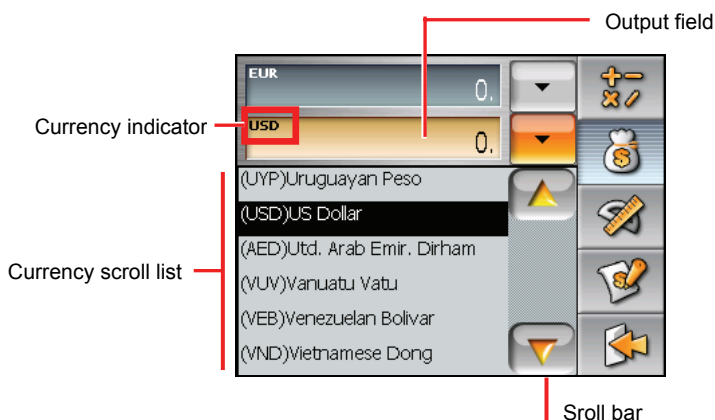
1. Start the **Calculator** program.
2. Tap  to switch to the **Currency** mode.



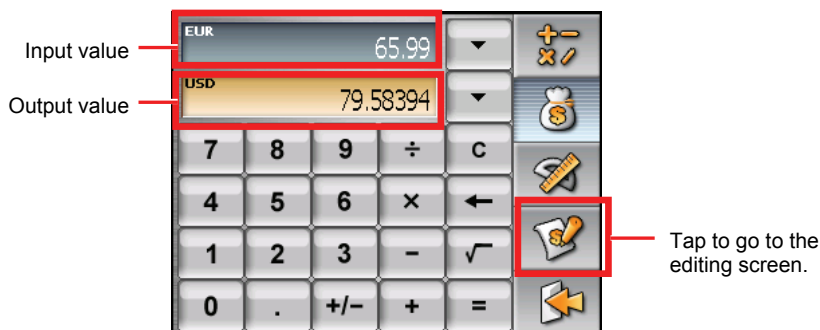
3. Tap the down arrow next to the input field to display a list of currencies and select the currency to convert from. When a currency is selected, the abbreviation of the currency will be displayed on the upper left corner of the input field.



4. Tap the down arrow next to the output field to display a list of currencies and select the currency to convert to. When a currency is selected, the abbreviation of the currency will be displayed on the upper left corner of the output field.






5. Enter the currency value in the input field by tapping the number buttons on the numeric keypad. You can also perform basic arithmetic in the input field.
The converted currency immediately appears in the output field.



NOTE: The program uses the default exchange rates unless you change them. (See the sub-section below for information.)

Editing Exchange Rate

Before performing the currency conversion, you can edit the exchange rate to the most up-to-date one.


1. Tap  on the **Calculator** screen.
2. Select the source and target currency.
3. Tap .
4. Enter the exchange rate and tap  to save the changes and go back to the previous screen.



3.4 Using the Conversion Mode

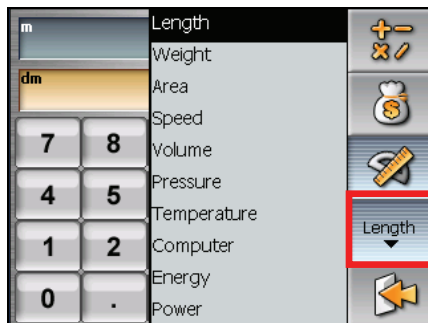
The **Conversion** mode allows you to convert measures from one unit to another.

1. Start **Calculator**.

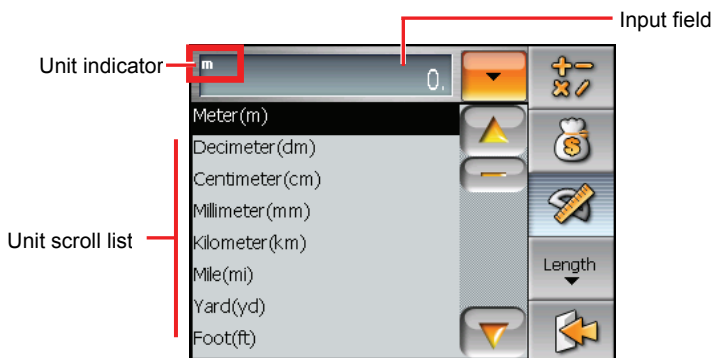
2. Tap  to switch to the **Conversion** mode.



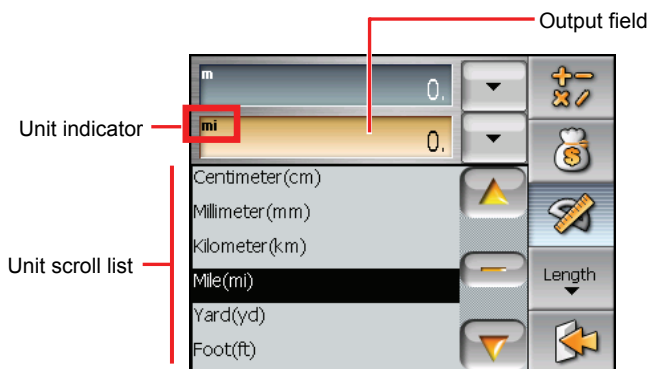
3. Tap the measure button to display a scroll list of measures. Select the desired measure from the list.



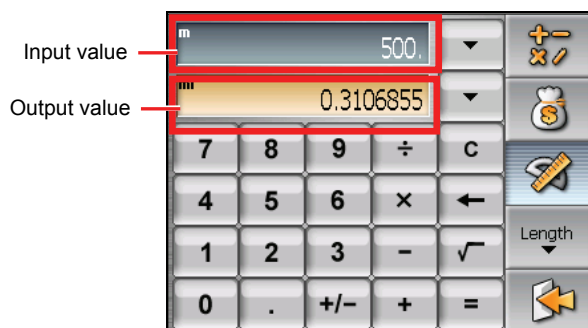
4. Tap the down arrow next to the input field to display a list of units and select the unit to convert from. When a unit is selected, the abbreviation of the unit will be displayed on the upper left corner of the input field.



- Tap the down arrow next to the output field to display a list of units and select the unit to convert to. When a unit is selected, the abbreviation of the unit will be displayed on the upper left corner of the output field.



- Enter the value in the input field by tapping the number buttons on the numeric keypad. You can also perform basic arithmetic in the input field. The converted value immediately appears in the output field.



4

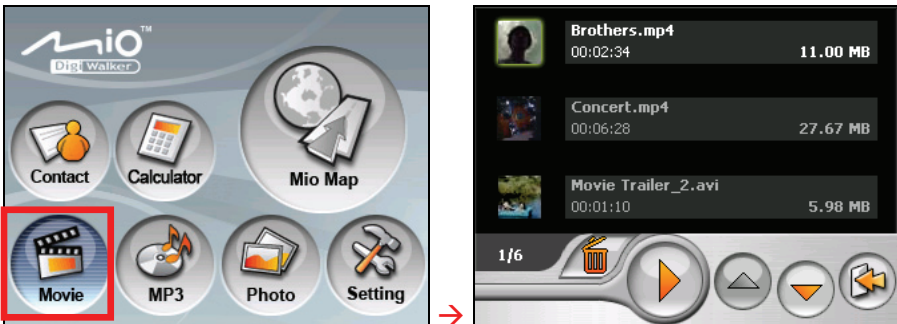
Movie


4.1 Starting and Exiting Movie

CAUTION: DO NOT view videos while driving. It may be illegal in your state for a display showing a video to be in view of the driver.

Movie allows you to watch video clips in DivX and MPEG4 formats on your device.

Tap the **Movie** button on the **Home** screen to start the program.



To exit the program, tap .

4.2 Preparing the Video Files for Your Device

To play video clips, have the video files ready on either your device's **My Flash Disk\My Video** folder or on a storage card.

Note that your device only supports video files in the following formats:

- DIVX 3.0, DIVX 4.0, and DIVX 5.0

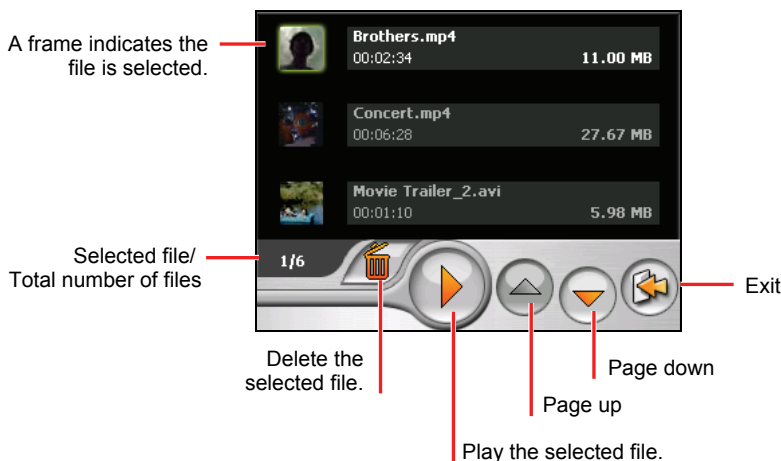
- Mpeg-4

Use **Video Toolbox** supplied with your device to convert video files to the format supported by your device. (See section 10.4 for information.)

Use **ActiveSync** supplied with your device to copy files from your computer to the correct location. (See section 10.2 for information.)


4.3 Playing Video Clips

1. Tap the **Movie** button on the **Home** screen to start the program.
2. The program will search the matching files in the specific folder on your device and in all folders on a storage card. It then displays the video file list. You can press the **Up** or **Down** arrow button to go to next or previous page.



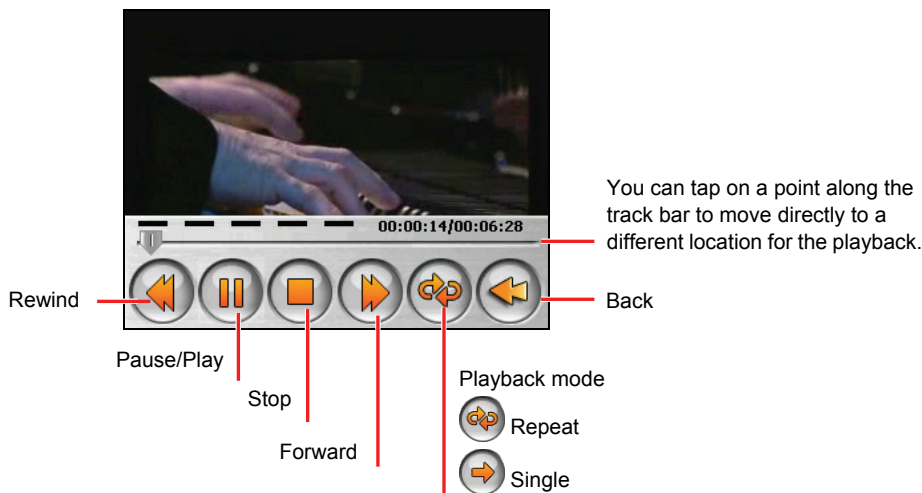
NOTE:

- The files are sorted by file names in the list.
- The file information such as the length of the video and file size is displayed together with the file name.

3. To play a video file, tap the desired file in the list and tap . To control the playback, use the control buttons as described later.

4.4 Video Playback Controls

During the playback, tap anywhere on the screen to open the control buttons as shown below.



The control buttons disappear automatically if you don't respond in 10 seconds.

5

MP3

5.1 Starting and Exiting MP3 Player

MP3 turns your device into an MP3 player. It features:

- Playback of MP3 files
- Basic playback controls such as play, pause, stop, next and previous
- Playback includes single selection playback, repeat, single repeat, sampling playback, normal sequence and random sequence.
- Background playback
- 17 preset equalizer audio profiles
- Play list support

Tap the **MP3** button on the **Home** screen to start the program. The control panel appears on the screen where you can easily control the player by tapping the control buttons.




To exit the program, tap .

5.2 Preparing the MP3 Files for Your Device

To play MP3 files, have the files ready on either your device's **My Flash Disk** folder or on a storage card.

Use **ActiveSync** supplied with your device to copy files from your computer to the correct location. (See section 10.2 for information.)

















5.3 Playing MP3 Files

1. If your files are in a storage card, insert the card into your device.
2. Tap the **MP3** button on the **Home** screen to start the program.
3. The program will search for the MP3 files in your device and in the storage card. When MP3 files are detected, they will be added to the play list.
| NOTE: You can create your own play lists for future playback. (See section 5.5 for details.)
4. To start the playback, tap . To control the playback, use the control buttons as described later.



You can enjoy the music while using the other functions of your device. To play the music in the background, tap .


5.4 MP3 Playback Controls

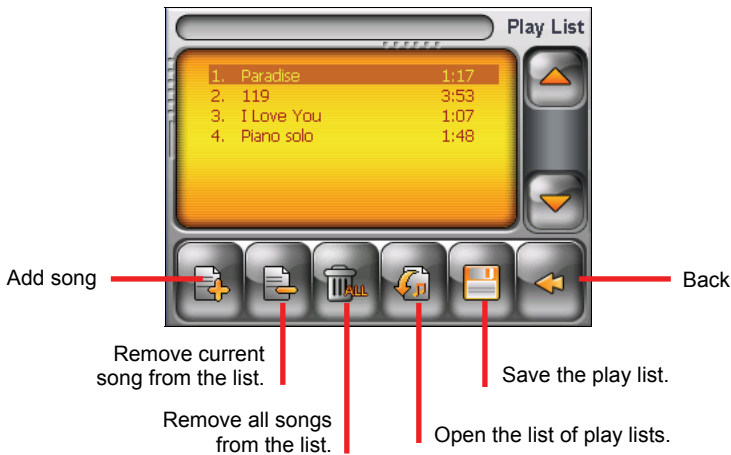
Control Button	Name	Description
	Play/Pause	Play or pause the playback.
	Stop	Stop the playback.
	Previous/ Next	Play the previous or next file.
	Volume	Increase or decrease the volume. The indicator on the panel shows the current volume level.
	Minimize	Minimize the control panel and play the music in the background. To open the control panel, tap the MP3 button on the Home screen.
	Exit	Close the program and return to the Home screen.
	Play List	Open play list. (See Section 5.5 for more information.)
	Equalizer	Open or close the equalizer panel. (See Section 5.6 for more information.)
	Playback Mode	Cycle through the following modes:  Repeated playback of the current file  Sampling playback in sequence  Sampling playback in random order  Single playback of the current file  Repeated playback of all files in sequence  Repeated playback of all files in random order
	Help	Introduce the function and operation of each button. Tap a button to see a description line at the bottom of the screen.

5.5 Using the Play Lists

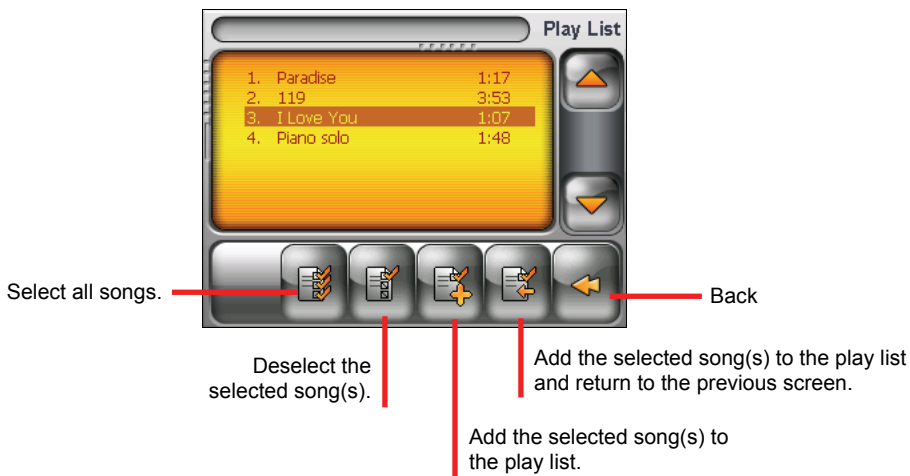
By default, the program automatically loads all MP3 files in the play list. You can also create your own play lists for future use.

Creating a Play List


1. After starting **MP3**, tap  on the control panel to open the play list screen. The screen shows the current play list.




2. To add a song to the play list, tap . A screen appears displaying all the MP3 files. Tap the song you wish to add and then tap .



3. Repeat the same procedure for the other songs to be added.


4. To save the play list, tap .


5. To return to the control panel, tap .

Opening a Play List


To open one of the play lists that you have created:

1. After starting **MP3**, tap  on the control panel.


2. Tap  to display all the play lists you have created.

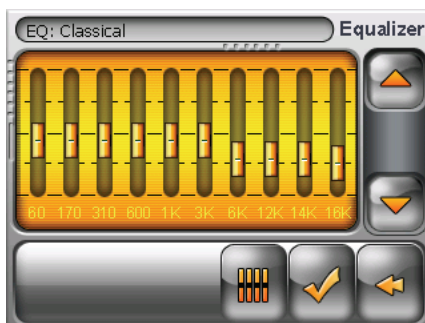
3. Tap the play list you want to open and tap .







4. To return to the control panel, tap .

5.6 Equalizer

The program provides 17 preset audio profiles. Tap  to open the equalizer panel.



Tap  or  to cycle through the available options: *Default, Blues, Classical, Club, Dance, Full bass, Full bass & treble, Full treble, Dance hall, Live, Party, Pop, Reggae, Rock, Ska, Soft, Classic rock, and Techno.*

Tap  to save your selection and return to the control panel. Tap  to cancel your selection and return to the control panel.

To select the *Default* profile, tap .

6

Photo

6.1 Starting and Exiting Photo

Photo allows you to view pictures in JPEG, GIF and BMP formats and view the slideshow of the pictures on your device.

Tap the **Photo** button on the **Home** screen to start the program.



To exit the program, tap  .

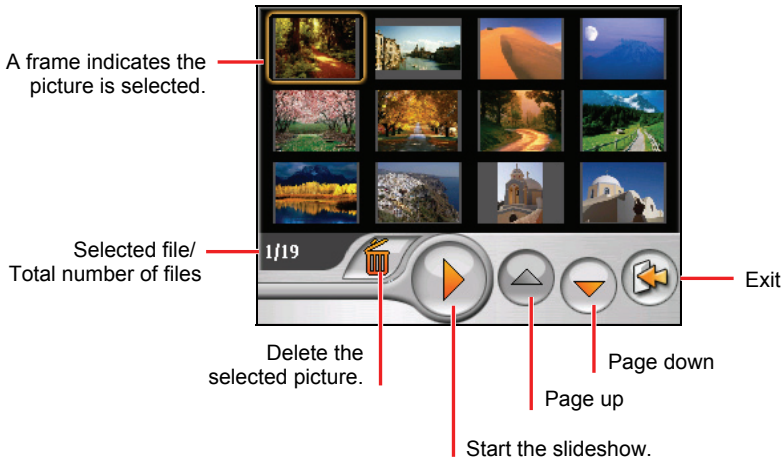
6.2 Preparing the Pictures for Your Device

To view the pictures, have the picture files ready either on your device's **My Flash Disk\My Picture** folder or on a storage card.

Use **ActiveSync** supplied with your device to copy files from your computer to the correct location. (See section 10.2 for information.)

6.3 Viewing Pictures in Thumbnail View


1. If your files are in a storage card, insert the card into your device.
2. Tap the **Photo** button on the **Home** screen to start the program.
3. The program will search the matching files in the specific folder on your device and in all folders on a storage card. It then displays the pictures in the thumbnail view. You can press the **Up** or **Down** arrow button to go to next or previous page.



6.4 Viewing a Picture in Full Screen

When you tap a picture twice in the thumbnail view, the picture is displayed in full screen.









To go back to the thumbnail view, tap anywhere on the screen to display the control buttons and then tap  .

6.5 On-Screen Control Buttons

On-screen control buttons provide various functions and settings. Tap anywhere on the picture to display the buttons as shown below. To close the buttons, tap the picture again.



Control Button	Name	Description
	Transfer	Transfers pictures between the device and the storage card. (See section 6.7 for detailed information.)
	Slideshow	Starts the slideshow. (See section 6.6 for detailed information.)
	Interval	Sets the length of time each slide is displayed before moving on to the next slide. Tap the button to switch to the next available option. <div> 1 second</div> <div> 3 seconds</div> <div> 5 seconds</div>



Information

Enables or disables the displaying of the name and date of the file.



Delete

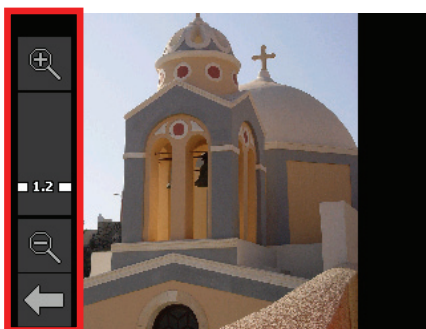
Deletes the current picture.



Zoom

Opens the zoom bar.

Tap the button as many times as needed to zoom in to 1.2x, 1.5x, 1.8x, or 2.0x. When you have zoomed in the picture, you can drag the picture to view other parts of the picture.



To close the zoom bar, tap .




Back


Goes back to the thumbnail view.

6.6 Viewing the Slideshow

To view the slideshow of all your pictures, use one of the following ways:

- When in the thumbnail view, tap  to start the slideshow.



- When in full screen, tap anywhere on the picture to display the on-screen control buttons. Then tap  to start the slideshow.




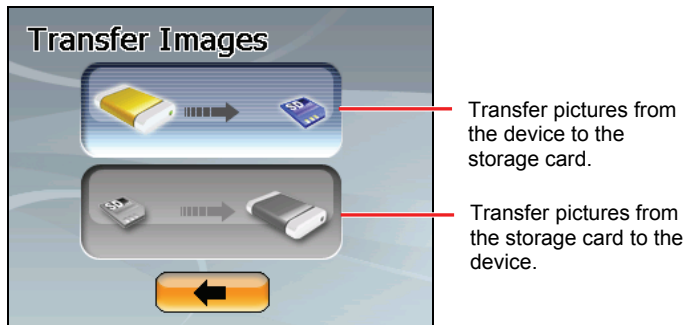
A small triangle at the lower left corner of the screen indicates that the slideshow is on. To stop the slideshow, tap anywhere on the screen.



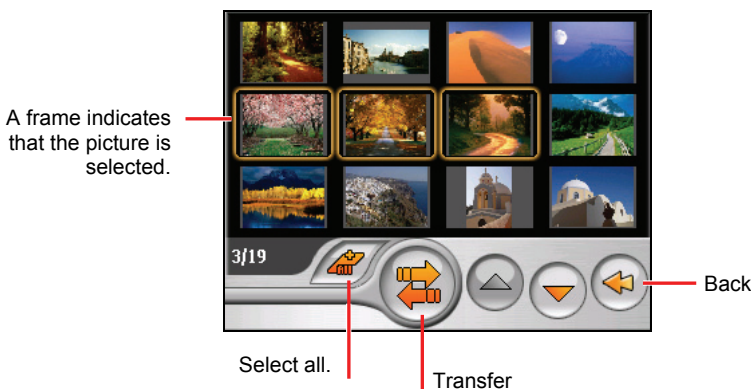
6.7 Transferring Pictures


You can copy pictures from your device to your storage card or from your storage card to your device.

1. In full screen view, tap anywhere on the picture to display the control buttons.
2. Tap .
3. Select one of the two ways to transfer pictures, either from the device to the storage card or from the storage card to the device.



4. The preview screen appears. You can tap to select a picture or several pictures. You can also tap the **Select All** button to select all pictures in the source folder.



5. After selecting the picture(s), tap  to start the file transfer.

6. Once the transfer is completed, tap  to go back to the preview screen.

7

Setting

7.1 Using Setting

You can customize the system settings such as backlight brightness, volume, date and time. Once you change the settings, the new settings will remain until you change them again.

Tap the **Setting** button on the **Home** screen. The **Settings** menu appears as shown below.



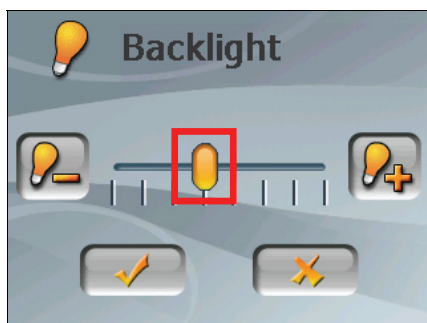
The following sections describe the various buttons and their functions.


7.2 Backlight

1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Backlight** button.



3. Move the knob along the track bar to adjust the brightness of the backlight. To darken the backlight, move the knob to the left. To lighten the backlight, move the knob to the right.



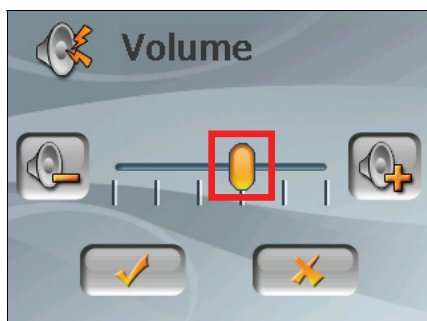
4. Tap  to save the changes.

7.3 Volume

1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Volume** button.



3. Move the knob along the track bar to adjust the volume. To decrease the volume, move the knob to the left. To increase the volume, move the knob to the right.




4. Tap  save the changes.

7.4 Screen

You can calibrate the touch screen if it is not responding accurately to your taps.

1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Screen** button.




3. Tap  to start the calibration.



4. Tap and hold the centre of the target.

Carefully press and briefly hold stylus on the center of the target. Repeat as the target moves around the screen.



5. When the target moves to another position, tap and hold the centre of the new target. Repeat each time to complete the calibration process.
6. When completed, tap .

7.5 Power

To check the remaining power level of your battery and/or set up the power saving feature:


1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Power** button.



3. The screen shows the remaining power of your battery.

You can set a timer to automatically turn off your device when it is idle for a set period of time. The options include **Never**, **30 minutes**, **20 minutes**, and **10 minutes**.

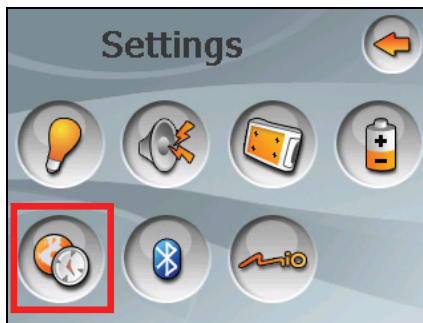


4. Tap  to save the changes.

7.6 Date&Time

To set the date and time:

1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Date&Time** button.

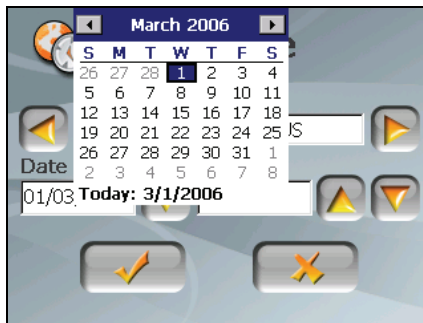



3. To change the time zone, tap the left/right arrow in the **Time Zone** item.



4. To change the date, tap the down arrow in the **Date** item. A calendar pops up. Tap the left arrow on the calendar to go to the earlier month and year or the right arrow to the later month and year. Alternatively, you can tap the month or year on top of the calendar to directly change the month or year.

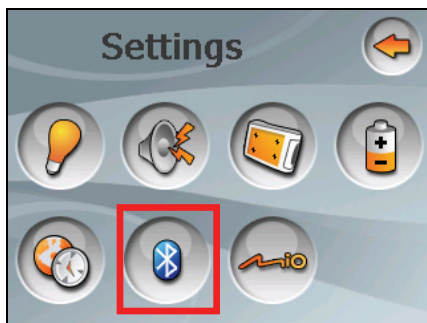
When the calendar shows the current month, tap the date on the calendar.



5. To set the time, first tap the hour, minute, or second in the **Time** item and then tap the up arrow to increase or down arrow to decrease the value.
6. Tap  to save the changes.

7.7 Bluetooth

1. Tap the **Setting** button on the **Home** screen.
2. Tap the **Bluetooth** button.



3. See the next two chapters for detailed information on using Bluetooth connectivity.

8

Dialer

8.1 About Dialer

Dialer allows you to use your device as a hands-free device for a Bluetooth-enabled mobile phone. You can tap your device to place and receive phone calls instead of picking up the mobile phone.

8.2 Connecting a Bluetooth Mobile Phone

1. Tap the **Settings** button on the **Home** screen and then the **Bluetooth** button.

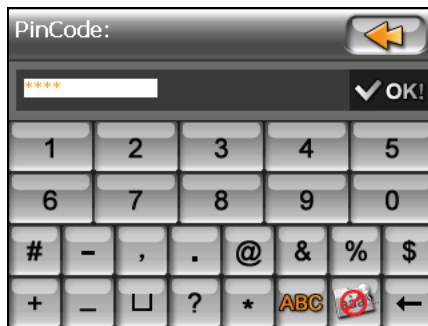


2. If this is the first time you use Bluetooth, your device will switch to **Pair Mode** and wait for the pairing action from your mobile phone for 60 seconds. The connection will be established as long as you initiate the pairing process on your mobile phone within this period.

Your device will also connect the Bluetooth headset service, if available.



3. If prompted to enter the passkey, tap the passkey specified by the mobile phone and tap **OK**.



4. You will see the **Dialer** main screen after the pairing is completed. The status bar at the bottom shows the name of the mobile phone connected.



The next time you run the **Dialer** program, your device will automatically search and pair with one of the last connected mobile phones.

NOTE:


- Your device must be in **Pair Mode** for the mobile phone to discover your device. If you need to manually set your device to **Pair Mode**, tap **Pair Mode** on the main screen.
- Some mobile phones can automatically connect the hands-free service.
- Up to 8 sets of paired mobile phones can be stored. A 9th paired mobile phone will replace the oldest one.
- **Dialer** cannot access the data such as the phone book and call history stored in a connected mobile phone.

8.3 Placing a Call

After pairing with your mobile phone, you can place a call using any of the four buttons (**Keypad**, **Contact**, **Call History**, and **Redial**) on the **Dialer** main screen.

Keypad



By tapping the **Keypad** button on the **Dialer** main screen, you can enter the telephone number with the onscreen keypad. After entering the telephone number, tap  to place the call.

**NOTE:**

- To delete the last digit entered, tap the **Backspace** button.
- The other two buttons allow you to switch to **Contact** and **Call History** screens.

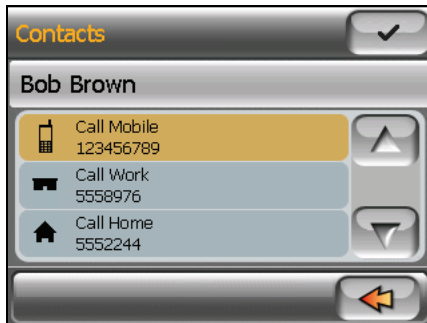
Contact




By tapping the **Contact** button on the **Dialer** main screen, you can access the phone numbers stored in the **Contact** program and select the phone number to call. (See Chapter 2 for detailed information on **Contact**.)



Tap the desired contact and the phone number list appears. Tap the phone number to call and tap **Back**.

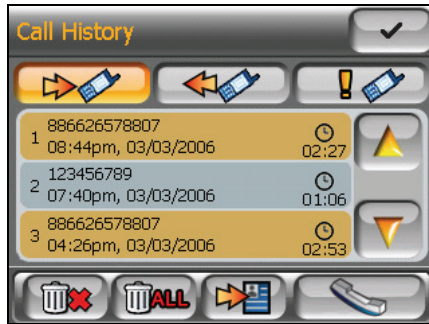





Tap  to call the selected phone number.




Call History




Tap the **Call History** button on the **Dialer** main screen to display the recent incoming, outgoing, or missed calls together with information such as date, time, and duration of each call.



Tap the respective button (incoming , outgoing , or missed ) to view the last 20 calls of the selected type.

With an item selected, you can tap  to dial the number,  to delete the item, or  to save the phone number to **Contact**.

To clear all items in the current list, tap .

Redial







Tap the **Redial** button on the **Dialer** main screen to dial the last number you called or received.

8.4 Operations During a Call

During a call, four functions are available:





- If you need to input other numbers, such as an extension number, tap  to open the keypad and tap the digits. The keypad will close when you tap the button again or when there has been no input for 5 seconds.
- Tap  to mute your sound so that the other party cannot hear you. To end the mute mode, tap the same button again.
- Tap  to end the call.
- Tap  to switch the call to your mobile phone. To switch back to your device, tap the same button again.


8.5 Receiving a Call

When you have a call after pairing with a mobile phone, the device rings and displays the **Incoming Call** screen.



To accept the call, tap .

To reject the call, tap .


To mute the ring tone before receiving or rejecting, tap .

8.6 Miscellaneous Buttons

In addition to buttons for placing a call, there are **Connect**, **Pair Mode**, **Others**, and **Exit** buttons on the **Dialer** main screen as described below.

Connect



By tapping the  **Connect** button on the **Dialer** main screen, you can manually search the last paired mobile phones for an available connection.



Pair Mode



By tapping the **Pair Mode** button on the **Dialer** main screen, you can manually set your device to **Pair Mode**. Within the duration of 60 seconds, you can initiate the pairing process on your mobile phone to discover your device as a car kit.



Others



By tapping the **Others** button on the **Dialer** main screen, you can run the **Bluetooth Manager** program. (See Chapter 9 for information on **Bluetooth Manager**.)

Exit



To hide the **Dialer** screen, tap the **Exit** button on the **Dialer** main screen. **Dialer** is still running in the background

| **NOTE:** To know how to turn off Bluetooth, see section 9.3.

9

Bluetooth Manager

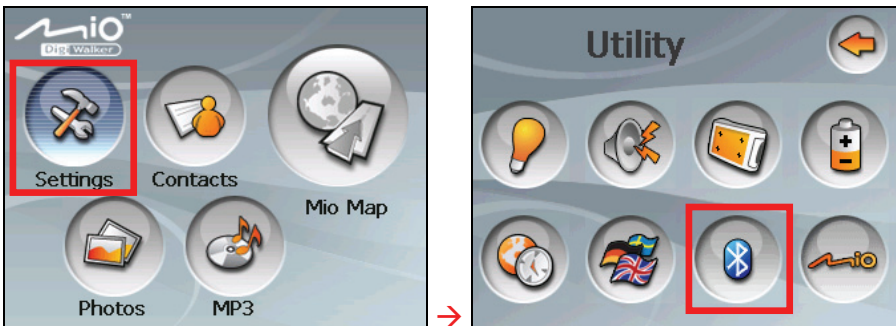
9.1 About Bluetooth


Your device incorporates Bluetooth capability. Bluetooth is a short-range wireless communications technology. Devices with Bluetooth capabilities can exchange information over a distance of about 10 meters (30 feet) without requiring a physical connection.

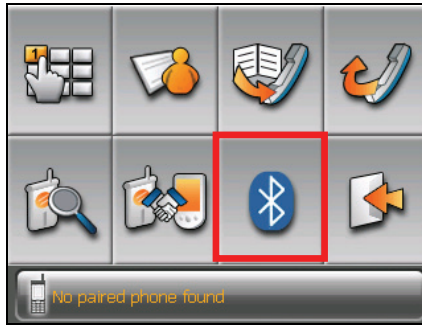
A Bluetooth program called **Bluetooth Manager** is built into your device.

9.2 Starting and Exiting Bluetooth Manager

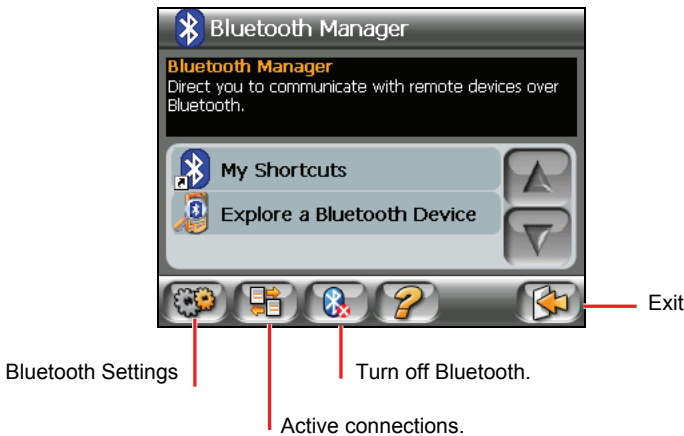
1. Tap the **Settings** button on the **Home** screen and then the **Bluetooth** button.




2. When the **Dialer** screen appears, tap .




3. The Bluetooth radio turns on and the **Bluetooth Manager** screen appears as shown below.



To exit the program, tap . You will be back to the **Dialer** screen.

9.3 Turning On/Off Bluetooth

Whenever you start **Bluetooth Manager**, Bluetooth is turned on. The Bluetooth indicator on your device flashed in blue.


Exiting **Bluetooth Manager** doesn't turn off Bluetooth. To turn off Bluetooth, tap  in the **Bluetooth Manager** screen. The flashing Bluetooth indicator goes off.

9.4 Exploring Bluetooth Devices

NOTE: To use the service of a remote Bluetooth device, make sure that the remote device is in discoverable mode.

1. Start **Bluetooth Manager**.
2. Tap **Explore a Bluetooth Device** to search for Bluetooth devices nearby.



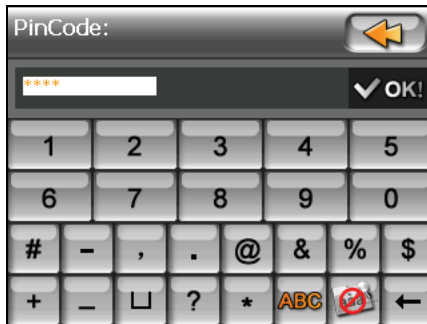
3. The device list appears on the screen. Tap the target device and tap  to browse the services of the device.



4. Tap the service you want to use.



5. When prompted to enter the passkey, tap the passkey requested by the target device and tap **OK**.



NOTE: Once you have established a Bluetooth connection with a remote device, it will be saved as a shortcut. You can then use **My Shortcuts** to conveniently use the same service again. (See section 9.6 for information.)

9.5 Transferring Files via Bluetooth

You can transfer files between your device and a remote Bluetooth device.

1. Explore Bluetooth devices as described in the previous section. Select the target device and tap **Bluetooth File Transfer**



2. When prompted to enter the passkey, tap the passkey requested by the target device and tap **OK**.
3. The File Explorer window appears. To access the remote or local device, use the buttons at the bottom of the screen.



Switch to My Device.



Switch to Remote Device

4. If the file is in a folder, tap the folder containing the file and tap .



Remove Device



My Device

5. Tap the file you want to transfer and tap the **Upload** or **Download** button.



Download



Upload

NOTE: Once you have established a Bluetooth connection with a remote device, it will be saved as a shortcut. You can then use **My Shortcuts** to conveniently use the same service again. (See section 9.6 for information.)

9.6 Using My Shortcuts

Once you have established a Bluetooth connection with a remote device, it will be saved as a shortcut. **My Shortcuts** allows you to conveniently use the same service again by tapping the particular shortcut item.

1. Start **Bluetooth Manager**.
2. Tap **My Shortcuts**.



3. Tap the desired item and tap  to establish a connection again.



9.7 Viewing Active Connections

After starting **Bluetooth Manager**, tap  to view the active connections. After you tap an item, you can tap  to disconnect the selected device.



9.8 Configuring Bluetooth Settings

After starting **Bluetooth Manager**, tap  to configure Bluetooth settings.




The available options are:


- **Name**
Allows you to edit the name of your device.
- **Other devices can discover me**
- **Allow other devices to connect**

- **Role**

Lets your device acts as a hands-free device or voice gateway.

- **Share this Folder**

Tap  to specify the folder to share with the remote device.

Tap  to save any changes you have made.

10

Using the Application CD

10.1 About the Application CD

The **Application CD** provides these tools:

- **ActiveSync**
Allows you to establish the connection between your device and computer.
- **MioSync**
Allows you to copy the **Microsoft Outlook Contact** information from your computer to your device.
- **Video Toolbox**
Allows you to capture and edit video clips and output them to a specific format so that you can watch the video on your device.

10.2 ActiveSync

ActiveSync allows you to establish the connection between your device and computer.

| CAUTION: Do not connect your device to your computer before ActiveSync is installed.

Compatibility

ActiveSync 4.1 is compatible with the following operating systems and applications:

- Microsoft® Windows® 2000 Service Pack 4
- Microsoft® Windows® Server 2003 Service Pack 1
- Microsoft® Windows® Server 2003 IA64 Edition Service Pack 1
- Microsoft® Windows® Server 2003 x64 Edition Service Pack 1
- Microsoft® Windows® XP Professional Service Packs 1 and 2

- Microsoft® Windows® XP Home Service Packs 1 and 2
- Microsoft® Windows® XP Tablet PC Edition 2005
- Microsoft® Windows® XP Media Center Edition 2005
- Microsoft® Windows® XP Professional x64 Edition
- Microsoft® Outlook® 2000 and Microsoft® Outlook® XP, and Microsoft® Outlook® 2003 messaging and collaboration clients
- Microsoft® Office 2000
- Microsoft® Office XP
- Microsoft® Office 2003
- Microsoft® Internet Explorer 6.0 or later (required)
- Microsoft® Systems Management Server 2.0

Installing ActiveSync

1. Turn on your computer and insert the **Application CD** into the CD-ROM drive of your computer.
2. The autorun screen should appear. Select **Install ActiveSync** and follow the onscreen instructions to finish the installation.



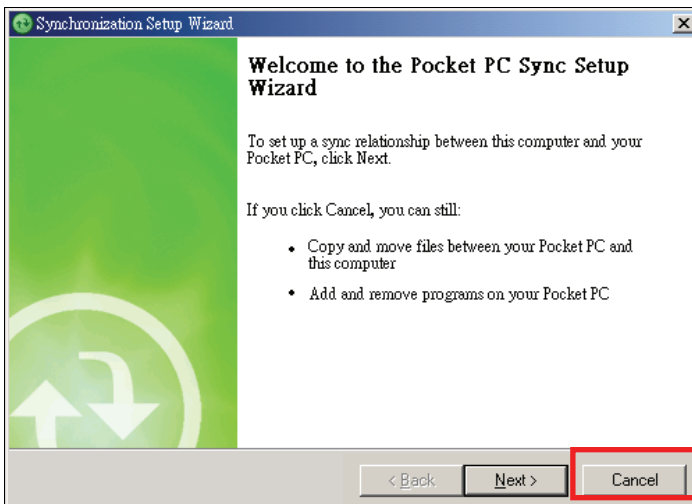
3. Depending on the version of your operating system, you may be asked to restart your computer during the installation process.

- When prompted, connect the mini-USB end of the USB cable to the bottom of your device and the other end to a USB port on your computer.



- When the **Synchronization Setup Wizard** screen appears, select **Cancel** to connect as a guest device.

NOTE: This device does not support synchronization with your computer. You do not need to set up a synchronization relationship.

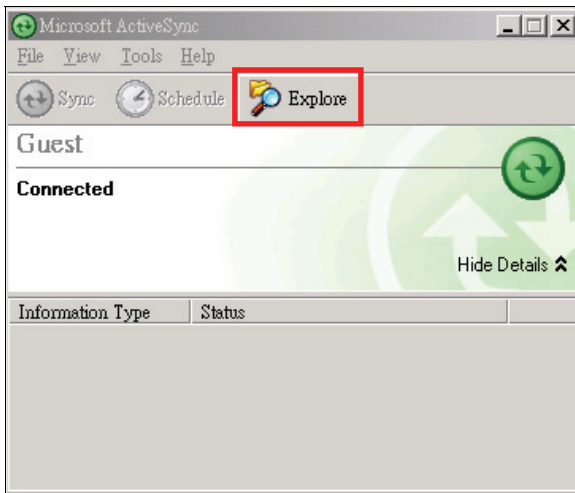


Using ActiveSync

Once **ActiveSync** is installed on your computer, you can use it to transfer files (i.e. MP3 files) between your device and your computer.

CAUTION: Be discreet when you delete files from your device. Deleting files of which the function is unknown can cause programs or features to malfunction.

Whenever you connect your device to your computer with the USB cable, the **Synchronization Setup Wizard** screen appears. Always select **Cancel** to connect as a guest device. Then you can use the **Explorer** function to browse the mobile device and transfer data. (See the **ActiveSync** online Help for instructions on copying files.)



10.3 Mio Sync

Mio Sync allows you to copy the **Microsoft Outlook Contact** information from your computer to your device.

Installing Mio Sync

1. Turn on your computer and insert the **Application CD** into the CD-ROM drive of your computer.
2. The autorun screen should appear. Select **Install Mio Sync** and follow the onscreen instructions to finish the installation.



Using Mio Sync

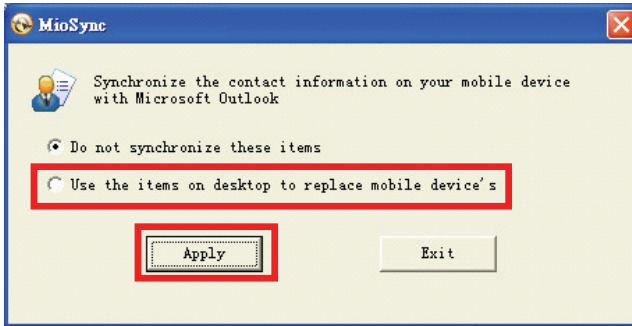
CAUTION:

- Make sure that **ActiveSync** is installed before using **Mio Sync**.
- **Mio Sync** supports **Microsoft Outlook 2000** and later versions only.

To copy **Microsoft Outlook Contact** information from your computer to your device:

1. Connect your device to your computer via the USB cable. Make sure that **ActiveSync** is up and running.

2. On Windows desktop, click **Start → Programs → Mio Sync → MioSync**.
3. Click **Use the items on desktop to replace mobile device's**.
4. Click **Apply**.



10.4 Video Toolbox

Video Toolbox allows you to capture and edit video clips and output them to a specific format so you can watch the video on your device.

Installing Video Toolbox

1. Turn on your computer and insert the **Application CD** into the CD-ROM drive of your computer.
2. The autorun screen should appear. Select **Install Video Toolbox** and follow the onscreen instructions to finish the installation.



Using Video Toolbox to Convert Video Files

| **NOTE:** For detailed information on using Video Toolbox, see the program's online help.

Follow this procedure to convert a video to the format supported by your device.

1. On Windows desktop, click **Start → Programs → Video ToolBox 2.0 Home Edition → Video ToolBox 2.0 Home Edition**.
2. On the first screen, select **Default (MP4)** or **Improved (AVI)** as the output format.



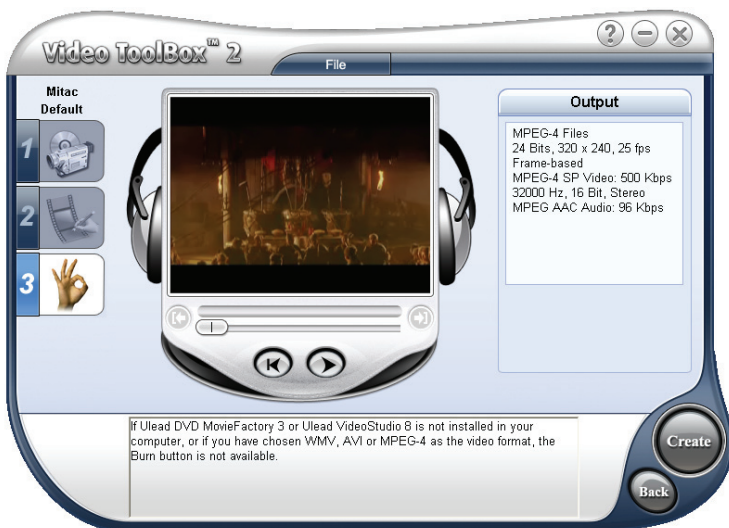
3. Click **Enter**.
4. In the **Add Media** area, select the media source to add.



5. Select the source file and click **Next**.



6. Click **Next**.



7. Click **Create**.

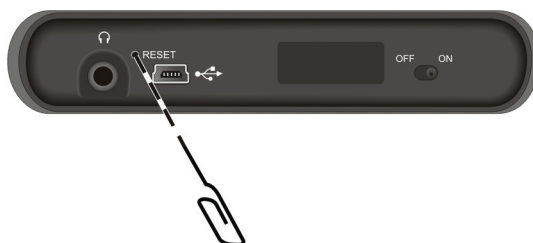
11

Troubleshooting and Maintenance

11.1 Resetting Your System

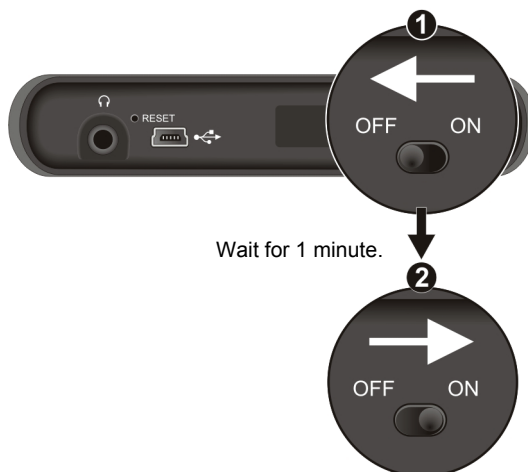
Occasionally, you may need to reset your device. For example, you should reset your system when it stops responding; or appears to be “frozen” or “locked up.”

Insert a small rod, such as a straightened paperclip, into the reset button on the bottom of your device. This is called a “soft reset.” The **Home** screen should appear after a soft reset.



If your device still does not respond after a soft reset, you can use the following steps to perform a “hard reset.”

1. Disconnect all cables, including the AC adapter, from your device.
2. Use a pointed pen to slide the ON/OFF switch to the OFF (left) position.
3. Wait for 1 minute and then slide the switch back to the ON (right) position.



4. Your device turns on.

11.2 Troubleshooting

NOTE: If you encounter a problem you cannot solve, contact an authorized service center for assistance.

Power Problems

Power does not turn on when using battery power

- The remaining battery power may be too low to run your device. Connect the AC adapter to your device and to AC power. Then, turn on your device.

Screen Problems

Screen is off

If the screen does not respond even after you press the power button, try the following in order until the problem is solved:

- Connect the AC adapter to your device and to external AC power.
- Reset your system.

Screen responds slowly

- Make sure that your device is not running out of battery power. If the problem still exists, reset your system.

Screen freezes

- Reset your system.

Screen is hard to read

- Make sure that the backlight of the display is on.
- Move to a location with more light.

Inaccurate response to taps

- Recalibrate the touch screen. (See section 7.4 for instructions.)

Connection Problems

Cable Connection Problems

- Make sure that your device and your computer are both turned on before trying to establish a connection.
- Make sure that the cable is securely plugged into the USB port on your computer and on the device. Connect the USB cable directly to your computer—do not run the cable through a USB hub.
- Reset your device before connecting the cable. Always disconnect your device before you restart your computer.

GPS Problems

When there are no valid signals available, consider the following:

- Make sure that the GPS antenna has a clear view of the sky.
- Note that the GPS reception can be affected by:
 - ✓ Bad weather
 - ✓ Dense overhead obstacles (e.g. trees and tall buildings)
 - ✓ Other wireless device in the car
 - ✓ Reflective car window tint

11.3 Maintaining Your Device

Taking good care of your device will ensure trouble-free operation and reduce the risk of damage to your device.

- Keep your device away from excessive moisture and extreme temperatures.
- Avoid exposing your device to direct sunlight or strong ultraviolet light for extended periods of time.
- Do not place anything on top of your device or drop objects on your device.
- Do not drop your device or subject it to severe shock.
- Do not subject your device to sudden and severe temperature changes. This could cause moisture condensation inside the unit, which could damage your device. In the event of moisture condensation, allow the device to dry out completely before use.
- Do not sit on your device. Avoid carrying your device in your back pocket.
- The screen surface can be easily scratched. Sharp objects may scratch the screen. You may use non-adhesive generic screen protectors designed specifically for use on portable devices with LCD panels to help protect the screen from minor scratches.
- Never clean your device with it powered on. Use a soft, lint-free cloth moistened with water to wipe the screen and the exterior of your device. Do not use paper towels to clean the screen.
- Never attempt to disassemble, repair or make any modifications to your device. Disassembly, modification or any attempt at repair could cause damage to your device and even bodily injury or property damage and will void any warranty.
- Do not store or carry flammable liquids, gases or explosive materials in the same compartment as your device, its parts or accessories.

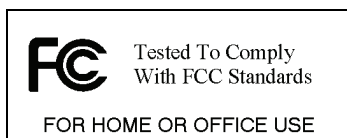
12

Regulatory Information

NOTE: Marking labels located on the exterior of your device indicate the regulations that your model complies with. Please check the marking labels on your device and refer to the corresponding statements in this chapter. Some notices apply to specific models only.

12.1 Regulations Statements

Class B Regulations



USA

Federal Communications Commission Radio Frequency Interference Statement

NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Please note:

The use of a non-shielded interface cable with this equipment is prohibited.

Canada

Canadian Department Of Communications

Radio Interference Regulations Class B Compliance Notice

This Class B digital apparatus meets all requirements of the Canada Interference-Causing equipment regulations.

Cet appareil numérique de Classe B respecte toutes les exigences du Règlement Canadien sur le matériel brouilleur.

European Notice

Products with the CE marking comply with Radio & Telecommunication Terminal Equipment Directive (R&TTE) (1999/5/EEC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC) – as amended by Directive 93/68/ECC - issued by the Commission of the European Community.

Compliance with these directives implies conformity to the following European Standards:

EN301489-1: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements

EN301489-3: Electronic compatibility and Radio spectrum Matters (ERM), ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 3: Specific conditions for Short-Range Devices (SRD) operating on frequencies between 9 kHz and 40 GHz

EN55022: Radio disturbance characteristics

EN55024: Immunity characteristics

EN6100-3-2: Limits for harmonic current emissions

EN6100-3-3: Limitation of voltage fluctuation and flicker in low-voltage supply system

EN60950 / IEC 60950: Product Safety

The manufacturer cannot be held responsible for modifications made by the User and the consequences thereof, which may alter the conformity of the product with the CE Marking.

12.2 Safety Precautions

About Charging

- Use only the AC adapter (PHIHONG, PSC05R-050) supplied with your device. Use of another type of AC adapter will result in malfunction and/or danger.
- This product is intended to be supplied by a LISTED Power Unit marked with “LPS”, “Limited Power Source” and output rated + 5 V dc / 1.0 A”.
- Use a specified battery in the equipment.

About the AC Adapter

- Do not use the adapter in a high moisture environment. Never touch the adapter when your hands or feet are wet.
- Allow adequate ventilation around the adapter when using it to operate the device or charge the battery. Do not cover the AC adapter with paper or other objects that will reduce cooling. Do not use the AC adapter while it is inside a carrying case.
- Connect the adapter to a proper power source. The voltage requirements are found on the product case and/or packaging.
- Do not use the adapter if the cord becomes damaged.
- Do not attempt to service the unit. There are no serviceable parts inside. Replace the unit if it is damaged or exposed to excess moisture.

About the Battery

- Use a specified charger approved by the manufacturer.

CAUTION: This unit contains a non-replaceable internal Lithium Ion battery. The battery can burst or explode, releasing hazardous chemicals. To reduce the risk of fire or burns, do not disassemble, crush, puncture, or dispose of in fire or water.

- Important instructions (for service personnel only)
 - ✓ **Caution:** Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.
 - ✓ Replace only with the same or equivalent type recommended by the manufacturer.
 - ✓ The battery must be recycled or disposed of properly.
 - ✓ Use the battery only in the specified equipment.



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